



MAH

2874#5

Attorney's Docket No. 005557.P005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Scharf, et al.

Application No.: 10/000,232

Filed: November 30, 2001

For: DIFFRACTION COMPENSATION  
USING A PATTERNED REFLECTOR

Examiner: Not Yet Assigned

Art Unit: 2874

Assistant Commissioner for Patents  
Washington, D.C. 20231

RECEIVED  
MAY - 8 2002  
TECHNOLOGY CENTER 2800

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231 on May 2, 2002.

(Date of Deposit)

Breigh Dippman

(Typed or printed name of person mailing correspondence)

Breigh Dippman

(Signature of person mailing correspondence)

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

XX 37 C.F.R. §1.97(b).

\_\_\_\_\_ 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

\_\_\_\_\_ A statement pursuant to 37 C.F.R. §1.97(e) or

\_\_\_\_\_ A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

\_\_\_\_\_ 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:

- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
- (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No.  
02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 5-2, 2002

  
\_\_\_\_\_  
Todd M. Becker  
Reg. No. 43,487

12400 Wilshire Blvd.  
Seventh Floor  
Los Angeles, CA 90025-1026  
(206) 292-8600

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 005557.P005	Application Number: 10/000,232
Page 1 of 3		First Named Inventor: Scharf et al.	Examiner: Not Yet Assigned
		Filing Date: November 30, 2001	Art Unit: Not Yet Assigned



### U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			
		5,476,819		Warren	12/19/95	
		5,484,073		Erickson	1/16/96	
		5,569,355		Then et al.	10/29/96	
		5,589,083		Ahn et al.	12/31/96	
		5,645,684		Keller	7/8/97	
		5,660,680		Keller	8/26/97	
		5,853,960		Tran et al.	12/29/98	

### FOREIGN PATENT DOCUMENTS


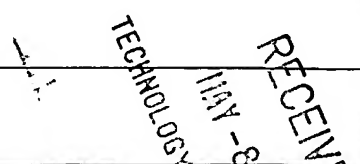
Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup> Code <sup>5</sup>	Number <sup>4</sup>	Kind (If known)				
		DE	4318466	A1	Muchow et al.	12/8/94		
		DE	19603829	A1	Voss, R.	8/7/97		
		JP	410209471	A	Kato, Manabu	8/7/98		
		JP	410290036	A	Nakajima, Yasushi	10/27/98		

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 005557.P005	Application Number: 10/000,232
Page 2 of 3		First Named Inventor: Scharf et al.	 
		Filing Date: November 30, 2001	

### U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			
		5,962,081		Ohman et al.	10/5/99	
		6,002,507		Floyd et al.	12/14/99	
		6,014,240		Floyd et al.	1/11/00	
		6,074,890		Yao et al.	6/13/00	
		6,084,257		Petersen et al.	7/4/00	
		6,117,344		Cox et al.	9/12/00	
		6,149,190		Galvin et al.	11/21/00	
		6,238,581	B1	Hawkins et al.	5/29/01	

### FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup> Code <sup>5</sup>	Number <sup>4</sup>	Kind (If known)				
Examiner Signature						Date Considered		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 005557.P005	Application Number: 10/000,232
Page 3 of 3		First Named Inventor: Scharf et al.	
		Filing Date: November 30, 2001	
OTHER ARTS AND PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation <sup>2</sup>
		HOWE, ROGER T., "Surface Micromachining for Microsensors and Microactuators," <i>J. Vac. Sci. Technol. B.</i> , Vol. 6, No. 6, Nov/Dec 1988, pp.1809-1813	
		PISTER, K.S.J., et al. "Microfabricated Hinges," <i>Sensors and Actuators</i> , A33 Eisevier Sequoia, March 4, 1992	
		LIN, L.Y., et al. "Micro-Machined Three-Dimensional Micro-Optics for Integrated Free-Space Optical System," <i>IEEE Photonics Technology Letters</i> , Vol. 6, No. 12, December 1994, pp.1445-1447	
		KUBBY, J., et al., "Hybrid integration of light emitters and detectors with SOI based Micro-Opto-Electro-Mechanical Systems (MOEMS)," Proceedings of SPIE on Silicon-based and Hybrid Optoelectronics III, 23-24 January 2001, pp. 32, Vol. 4293, San Jose, CA	
		BHARDWAJ, J.K., et al. "Advanced Silicon Etching Using High Density Plasmas," <i>SPIE</i> , pp. 224-233, Vol. 2639	

Examiner Signature	Date Considered
-----------------------	--------------------

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.